

EAST Search History (19 pp.) ~~48~~

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 10897 | ((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:04 |
| L2 | 1013 | ((327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:28 |
| L3 | 10897 | 1 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:29 |
| L4 | 6 | 3 and (amplifying amplify amplifier amplification) near6 circuit.clm. and (gated adj diode two\$1terminal).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:32 |
| L5 | 8 | (luk near2 wing.in. (international adj business ibm).as.) and (amplifying amplify amplifier amplification) near6 circuit.clm. and (gated adj diode two\$1terminal).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:33 |
| S1 | 3 | "751714".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/24 08:32 |
| S2 | 13 | millier near2 compensating adj capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 14:41 |
| S3 | 4 | "751713".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 14:44 |
| S4 | 0 | gated adj diode and (nonlinear variable) near3 "capacitance." | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 14:45 |

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| S5 | 7 | gated adj diode and (nonlinear variable) near3 capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 14:46 |
| S6 | 2 | gated adj diode and (nonlinear variable) near3 capacitance and (applifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:16 |
| S7 | 6 | gated adj diode and (nonlinear variable vary) near3 capacitance and (applifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:20 |
| S8 | 6 | gated adj diode and (nonlinear variable vary) near3 capacitance and (applifying amplification amplifier amplify) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:27 |
| S9 | 3 | gated adj diode near4 amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:50 |
| S10 | 33 | small adj signal adj sensing and dram | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:52 |
| S11 | 0 | fated adj diode.ti,ab,clm. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:52 |
| S12 | 83 | gated adj diode.ti,ab,clm. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 15:54 |
| S13 | 31 | gated adj diode.ti. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 16:03 |
| S14 | 148 | (257/312).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/29 12:11 |

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|-----|-----|--|---|----|-----|------------------|
| S15 | 4 | MOSFET near5 body adj bias.ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 16:15 |
| S16 | 100 | flash adj memory adj cell adj array and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 16:45 |
| S17 | 24 | flash adj memory adj cell adj array. ti,ab,clm. and "257"/\$7.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/09 16:45 |
| S18 | 4 | "751714".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 07:09 |
| S19 | 1 | (US-20050145895-\$).did. | US-PGPUB | OR | OFF | 2005/08/26 07:09 |
| S20 | 4 | "571713".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 07:10 |
| S21 | 5 | "751713".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 07:10 |
| S22 | 1 | (US-20050146928-\$).did. | US-PGPUB | OR | OFF | 2005/08/26 07:11 |
| S23 | 175 | variable near2 (capacitor capacitance) and sense adj amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 07:12 |
| S24 | 398 | (varying varies vary variable) near2 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:15 |
| S25 | 296 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:29 |

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| S26 | 258 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and (gate control adj voltage) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:29 |
| S27 | 255 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:32 |
| S28 | 183 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:34 |
| S29 | 143 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:36 |
| S30 | 60 | (varying varies vary variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance) same ("well" "n-well" "p-well" nwell pwell) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:37 |
| S31 | 25 | (variable) near1 (capacitor capacitance) and sense adj amplifier and semiconductor and circuit and gate and (MOSFET FET field adj effect adj transistor MISFET MOS adj transistor MIS adj transistor) same (capacitor capacitance) same ("well" "n-well" "p-well" nwell pwell) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 07:38 |
| S32 | 10 | (US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$ or US-20050104119-\$ or US-20050104118-\$ or US-20050099859-\$ or US-20030206437-\$).did. or (US-6731529-\$ or US-6418044-\$ or US-6414862-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/08/26 07:42 |

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| S33 | 13 | diorio.in. and variable adj capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:20 |
| S34 | 10 | (US-20030206437-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-6414862-\$ or US-6418044-\$ or US-6731529-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/08/26 08:34 |
| S35 | 2 | ("6144581").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:36 |
| S36 | 0 | ("gatedadjdiodeandvariableadj(capa citanccapacitor)and(MOSadjtransist orMOSFETFETMISadjtransistorMISF ET)").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:37 |
| S37 | 2 | gated adj diode and variable adj (capacitance capacitor) and (MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:43 |
| S38 | 3 | gated adj diode and (varactor variable adj (capacitance capacitor)) and (MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:44 |
| S39 | 3 | gated adj diode and (varactor variable adj (capacitance capacitor)) and (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:44 |
| S40 | 3 | gated near1 diode and (varactor variable adj (capacitance capacitor)) and (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:46 |
| S41 | 846 | (varactor variable adj (capacitance capacitor)) near10 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:46 |

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| S42 | 536 | (varactor variable adj (capacitance capacitor)) near4 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:46 |
| S43 | 11 | (varactor variable adj (capacitance capacitor)) near4 (field adj effect adj transistor MOS adj transistor MOSFET FET MIS adj transistor MISFET) and sense adj amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 08:57 |
| S44 | 1942 | ((365/207) or (365/208)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:57 |
| S45 | 1609 | S44 and sense adj amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:58 |
| S46 | 0 | S44 and sense adj amplifier and gated adj diode | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 08:58 |
| S47 | 6 | S44 and sense adj amplifier and (varactor capacitor near4 variable) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 09:07 |
| S48 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 09:54 |
| S49 | 57 | gated adj diode near6 ("well" "n-well" "p-well" pwell nwell) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 09:55 |
| S50 | 52 | gated adj diode near4 ("well" "n-well" "p-well" pwell nwell) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 10:09 |
| S51 | 2 | ("6674116").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 10:10 |

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| S52 | 1 | S51 and "well" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 10:10 |
| S53 | 0 | ("well" nwell pwell) near4 gated adj diode near10 vary near2 capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 10:12 |
| S54 | 10 | ("well" nwell pwell) near4 (varactor gated adj diode) near10 vary near2 capacitance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 11:09 |
| S55 | 108 | cascade near4 protect\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 11:10 |
| S56 | 935 | cascade.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 11:10 |
| S57 | 8 | cascade.ti. and protect\$3.ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 11:11 |
| S58 | 8 | cascade.ti. and protect\$3.ti. and cascade | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 11:11 |
| S59 | 1 | "5844265".pn. and (threshold protect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 13:37 |
| S60 | 10 | "sample/hold" near4 latch | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:20 |

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| S61 | 15 | (US-20030206437-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-5838176-\$ or US-5844265-\$ or US-6097432-\$ or US-6414862-\$ or US-6418044-\$ or US-6674116-\$ or US-6731529-\$ or US-6794707-\$). did. | US-PGPUB; USPAT | OR | OFF | 2005/08/26 16:33 |
| S62 | 9 | S61 and overlap\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:37 |
| S63 | 2 | gated adj diode near4 (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:38 |
| S64 | 10 | mos adj capacitor near4 (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:40 |
| S65 | 10 | mos adj capacitor near4 (overlap overlapping) and (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:44 |
| S66 | 21 | mos adj capacitor.ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:48 |
| S67 | 27 | (gate adj diode mos adj capacitor). ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:49 |
| S68 | 6 | (gate adj diode).ti,ab. and gate near4 (overlap overlapping) and (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/26 16:49 |

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| S69 | 74 | (gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:31 |
| S70 | 18 | (gated adj diode) and sense adj amplifier and invert?r | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:14 |
| S71 | 34 | (varactor) and sense adj amplifier and invert?r | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:15 |
| S72 | 25 | (variable adj capacitor) and sense adj amplifier and invert?r | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:15 |
| S73 | 10 | (gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:31 |
| S74 | 9 | (gated adj diode varactor variable adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line and (opamp difference differential) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:42 |
| S75 | 24 | (gated adj diode MOS adj capacitor MIS adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line and (opamp difference differential) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:48 |
| S76 | 24 | (gated adj diode MOS adj capacitor MIS adj capacitor) and sense adj amplifier and invert?r and control adj line and signal adj line | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/27 15:48 |
| S77 | 0 | gated adj diode.clm. and sense adj amplifier.clm. and signal adj line and control adj line | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/28 15:23 |
| S78 | 1 | gated adj diode.clm. and (signal sense) adj amplifier.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/28 15:23 |

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|-----|---|---|---|----|-----|------------------|
| S79 | 1 | gated adj diode.clm. and (signal sense) adj (amplification amplifier). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/28 15:23 |
| S80 | 2 | gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:25 |
| S81 | 1 | gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:26 |
| S82 | 1 | gated adj diode.clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:26 |
| S83 | 1 | gated adj diode.ti,ab,clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:26 |
| S84 | 3 | gated adj diode.ti,ab,clm. and (signal sense) adj (amplification amplifier amplifying).ti,ab,clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:28 |
| S85 | 1 | gated adj diode.ti,ab,clm. and (signal sense) adj amplifier.ti,ab, clm. and gated adj diode and (sense signal) adj (amplifying amplification amplifier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:30 |
| S86 | 3 | gated adj diode near20 (signal sense) adj amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:31 |

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| S87 | 19 | (US-20030123276-\$ or US-20030206437-\$ or US-20040136251-\$ or US-20050099859-\$ or US-20050104118-\$ or US-20050104119-\$ or US-20050145895-\$ or US-20050146928-\$ or US-20050184787-\$).did. or (US-4538287-\$ or US-5838176-\$ or US-5844265-\$ or US-6097432-\$ or US-6414862-\$ or US-6418044-\$ or US-6674116-\$ or US-6687175-\$ or US-6731529-\$ or US-6794707-\$). did. | US-PGPUB; USPAT | OR | OFF | 2005/08/28 15:56 |
| S88 | 49076 | (amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. | US-PGPUB; USPAT | OR | ON | 2005/08/28 15:56 |
| S89 | 120366 | (amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:04 |
| S90 | 15582 | (gated adj diode varactor variable adj (capacitance capacitor)).ti,ab, clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:57 |
| S91 | 618 | S89 and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:02 |
| S92 | 572 | S91 and @ad<"20040106" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:59 |
| S93 | 133 | S91 and @ad<"20040106" and (invert?r latch buffer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 15:59 |
| S94 | 353 | S89 and S90 | USPAT | OR | ON | 2005/08/28 16:02 |

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| S95 | 4 | (amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and (gated adj diode).ti,ab,clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:05 |
| S96 | 4 | (amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and (gated adj diode).ti,ab,clm. and gated adj diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:06 |
| S97 | 17 | (amplifier amplification amplifying) near2 (signal sense).ti,ab,clm. and gated adj diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:10 |
| S98 | 1 | bridge adj demodulat?r adj amplifier and gated adj diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:13 |
| S99 | 721 | (variable adj capacitor varactor varacter) and (inverter invertor latch buffer) and (signal sense) adj (amplifier amplification) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28.16:24 |
| S10 0 | 721 | (variable adj capacitor varactor varacter) and (inverter invertor latch buffer) and ((signal sense) adj (amplifier amplification) amplifying near2 signal) and (signal sense) adj (amplification amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:49 |
| S10 1 | 920 | ((327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/28 16:49 |
| S10 2 | 18 | S101 and (varact?r variable adj (capacitor capacitance) gated adj diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/28 16:50 |
| S10 3 | 33 | (gated adj diode varact?r) near5 (overlap overlapping) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/29 09:35 |

EAST Search History

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| S10 4 | 47 | (gated adj diode varact?r variable adj capacitor).ti,ab,clm. and (overlap overlapping) near6 gate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 09:35 |
| S10 5 | 41 | (gated adj diode varact?r variable adj capacitor).ti,ab,clm. and (overlap overlapping) near6 gate not S103 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 09:35 |
| S10 6 | 0 | 365/023 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/29 12:11 |
| S10 7 | 8592 | ((365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563) or (257/288) or (257/e29.195)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 17:47 |
| S10 8 | 13 | S107 and (signal sense) near1 (amplifying amplifier amplification) and (varact?r variable adj capacitor gated adj diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/29 12:15 |
| S10 9 | 15 | S107 and (signal sense) near1 (amplifying amplifier amplification) and (varact?r variable adj capacitor gated adj diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/29 12:15 |
| S11 0 | 4 | "751714".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/25 18:04 |
| S11 1 | 1 | (US-20050145895-\$).did. | US-PGPUB | OR | OFF | 2006/02/25 18:05 |
| S11 2 | 1 | (US-20050145895-\$).did. | US-PGPUB | OR | OFF | 2006/02/25 18:05 |
| S11 3 | 1 | S112 and gated adj diode | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/25 18:22 |
| S11 4 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/25 19:35 |

EAST Search History

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| S11 5 | 429 | (varactor varacter gated adj diode). ti,ab,clm. and (amplification amplifier amplifying amplify).ti,ab, clm. and capacitance.ti,ab,clm. and @ad<"20040106" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/25 19:37 |
| S11 6 | 48 | (varactor varacter gated adj diode). ti,ab,clm. and (amplification amplifier amplifying amplify).ti,ab, clm. and capacitance.ti,ab,clm. and @ad<"20040106" and (MOSFET MOS MESFET field adj effect adj (device transistor)).ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/25 19:38 |
| S11 7 | 8928 | ((257/288) or (257/e29.195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 16:12 |
| S11 8 | 2 | S115 and S117 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/02/25 19:40 |
| S11 9 | 2 | "5844265".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 18:48 |
| S12 0 | 180 | (varactor varacter) near4 amplifier. ti,ab,clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 19:16 |
| S12 1 | 7 | gated adj diode near3 amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 19:25 |
| S12 2 | 11 | gated adj diode with amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 19:37 |
| S12 3 | 25 | mos adj capacitor near2 amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/01 19:37 |

EAST Search History

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| S12 4 | 17 | (gated adj diode mos adj capacitor) near4 overlap\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:24 |
| S12 5 | 5 | sti near4 (gated adj diode mos adj capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:31 |
| S12 6 | 7 | sti near6 (gated adj diode mos adj capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:32 |
| S12 7 | 7 | sti near8 (gated adj diode mos adj capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:32 |
| S12 8 | 14 | sti with (gated adj diode mos adj capacitor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:33 |
| S12 9 | 6 | sti with (gated adj diode mos adj capacitor) and mos adj capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 09:37 |
| S13 0 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/02 09:46 |
| S13 1 | 5 | varactor with (overlap overlapped overlapping) with gate with source | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 12:38 |
| S13 2 | 2 | ("20040263272").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/02 12:40 |

EAST Search History

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| S13 3 | 9270 | ((257/288) or (257/e29.195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/02 12:41 |
| S13 4 | 21 | S133 and (varact?r gate adj diode MOS adj capacitor) near20 (amplifier amplification amplifying) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/02 12:43 |
| S13 5 | 1 | (US-20050145895-\$).did. | US-PGPUB | OR | OFF | 2007/01/22 14:54 |
| S13 6 | 1 | (US-20050145895-\$).did. and control adj line | US-PGPUB | OR | ON | 2007/01/22 14:57 |
| S13 7 | 0 | (US-20050145895-\$).did. and control adj line and coupling adj element | US-PGPUB | OR | ON | 2007/01/22 15:00 |
| S13 8 | 1 | (US-20050145895-\$).did. and control adj line and coupling and (amplification amplifier) | US-PGPUB | OR | ON | 2007/01/22 15:01 |
| S13 9 | 1 | (US-20050145895-\$).did. and control adj line and coupling and (amplification amplifier) and control adj signal | US-PGPUB | OR | ON | 2007/01/22 15:22 |
| S14 0 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 15:22 |
| S14 1 | 0 | (257/29.195).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 16:11 |
| S14 2 | 0 | (257/29.001).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 16:12 |
| S14 3 | 172 | (257/e29.195).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/22 16:12 |

EAST Search History

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| S14 4 | 2 | ("5634208").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/24 08:32 |
| S14 5 | 1 | (US-20050145895-\$).did. | US-PGPUB | OR | OFF | 2007/05/09 13:32 |
| S14 6 | 1 | (US-20050145895-\$).did. and (control adj element control) | US-PGPUB | OR | OFF | 2007/05/09 13:37 |
| S14 7 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/09 14:52 |
| S14 8 | 2 | ("20020098628").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/09 15:10 |
| S14 9 | 57090 | gate adj insulating | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:10 |
| S15 0 | 1 | S148 and gate adj insulating | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:11 |
| S15 1 | 1 | S148 and gate adj insulating near6 (thick thickness) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 19:00 |
| S15 2 | 2148 | 257/288 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |
| S15 3 | 304668 | "195" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |
| S15 4 | 5297 | 365/203 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:38 |

EAST Search History

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| S15 5 | 11356 | ((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/09 15:40 |
| S15 6 | 19 | S155 and ((circuit near4 (amplifying amplification)) amplifier) and (gated adj diode varact?r) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:52 |
| S15 7 | 0 | "5847583".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 15:52 |
| S15 8 | 2 | "5847583".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 18:13 |
| S15 9 | 37 | memory adj cell near4 (gated adj diode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 18:27 |
| S16 0 | 8 | memory adj cell near4 (gated adj diode).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/09 18:13 |
| S16 1 | 3 | ("7116594").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/09 18:27 |
| S16 2 | 1 | S161 and reference adj voltage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/05/09 18:27 |
| S16 3 | 11356 | ((257/288) or (257/e29.165) or (257/195) or (365/203) or (365/204) or (365/205) or (365/206) or (365/207) or (365/208) or (327/560) or (327/561) or (327/562) or (327/563)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:29 |

EAST Search History

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| S16 4 | 5 | S163 and (amplifying amplify amplifier amplification) near6 circuit. clm. and (gated adj diode two\$1terminal).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 16:30 |
| S16 5 | 7 | "5844265" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 11:32 |
| S16 6 | 2 | ("5844265").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 11:44 |
| S16 7 | 439 | varactor near4 (amplifier amplify amplifying) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 11:45 |
| S16 8 | 65 | varactor near1 (amplifier amplify amplifying) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 13:19 |
| S16 9 | 3 | ("7116594").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/10/22 13:19 |